## AMENDMENTS TO THE CLAIMS

Claims 10, 11, 15, 17, 18, 20, 22, 24-28, and 30-37 are pending in the subject application. Each of claims 10, 27, 28, and 36 has been amended herein. This Listing of Claims will replace all prior versions, and listings, of claims in the application.

**Listing of Claims**

1-9. (Canceled)

10. (Currently Amended) A computer-implemented method of capturing and treating content using a computer system having a processor, memory, and data storage subsystems, the computer-implemented method comprising:

a) setting a mode of operation to a content capture mode for interpreting user input for the purpose of selecting an on-screen region of a display, and receiving a path drawn by a user, the path defining boundaries of the selected on-screen region of the display, wherein pixels comprising one or more graphical elements representing a first set of one or more textual characters are displayed in the selected on-screen region;

b) capturing the pixels displayed within the selected on-screen region, and storing the captured pixels in an image file;

c) switching the mode of operation to an annotation mode in response to a user command;

d) receiving an annotation drawn by the user on the display, wherein the received annotation is implemented using a plurality of tools via a toolbar, the toolbar appearing after the selecting an on-screen region;

e) obtaining context information for the one or more graphical elements by automatically applying text recognition to the annotation, and storing the results of the text recognition as context information via the computer system, wherein certain context information is prevented from associating with the one or more graphical elements based upon digital rights management preventive measures, and

f) obtaining additional context information by extracting the first set of one or more textual characters and extracting a second set of textual characters displayed in proximity with the first set,

wherein the context information and the additional context information are automatically stored in association with the image file.

11. (Previously Presented)    The    computer-implemented    method according to claim 10, further comprising:

determining a window associated with the selected on-screen region;

retrieving an application interface having a Uniform Resource Identifier (URI) property from the determined window or a parent window of the determined window; and

obtaining the URI property as additional context information, the additional context information being automatically stored in association with the image file.

12-14. (Canceled)

15. (Previously Presented) The computer-implemented method of claim 10, further comprising:

creating and storing a linking structure as the association between the image file and the context information.

16. (Canceled)

17. (Previously Presented) The computer-implemented method of claim 15, wherein the linking structure is incorporated in a file separate from the stored image file and the stored context information.

18. (Previously Presented) The computer-implemented method of claim 15, wherein the linking structure includes at least one pointer pointing to the stored image file or the stored context information.

19. (Canceled)

20. (Previously Presented) The computer-implemented method of claim 10, wherein the context information is stored in such a manner as to be accessible to the user for performing at least one of the following:

searching for said context information,

displaying the context information simultaneously with the captured pixels, and navigating a network to a source of the captured image pixels.

21. (Canceled)

22.     (Previously Presented)        The computer-implemented method of claim 10, wherein the selected on-screen region is part of a displayed textual region, and the graphical elements comprise a first set of one or more textual characters displayed in the textual region, and the method further comprising:

obtaining additional context information based on a second set of one or more textual characters displayed in the textual region, the additional context information being automatically stored in association with the image file; and

obtaining a first pointer between the context information and the textual region, and obtaining a second pointer between the additional context information and the textual region, wherein the first pointer differs from the second pointer.

23.     (Canceled)

24.     (Previously Presented)        The computer-implemented method of claim 27, further comprising:

digitizing movements of a stylus across the display in order to receive an annotation; and

obtaining additional context information based on the received annotation, the additional context information being automatically stored in association with the image file.

25.     (Previously Presented)        The computer-implemented method of claim 10, wherein the selected on-screen region includes at least a portion of a displayed web page or document, and the method further comprises:

using an application programming interface (API) to query an application for additional context information, the additional context information being automatically stored in association with the image file, the queried application causing the one or more graphical elements to be displayed.

26.    (Previously Presented)       The computer-implemented method of claim 25, further comprising: obtaining a uniform resource identifier (URI) of the web page or document as the context information, the URI being obtained as a result of the query using the API.

27.    (Currently Amended) A   computer-implemented   method   of   context harvesting from selected content using a computer system having a processor, memory, and data storage subsystems, the method:

receiving a path drawn on a display via user input the drawn path defining boundaries of a selected on-screen region of the display, the selected on-screen region comprising a plurality of pixels~~, wherein a displayed content of the selected on-screen region includes textual data and underlying data comprising at least one of: an executable object, a file, or a link to remote content~~;

capturing the plurality of pixels <u>and associated underlying text and associated links to embedded information</u> of the on-screen region <u>by capturing only complete characters or words</u>;

storing the captured pixels as an image file;

automatically extracting a character or word from the textual data and extracting complete sentences based upon punctuation as context information in

response to determining that the displayed content of the on-screen region includes the textual data via the computer system;

pointing a first pointer from the context information to the displayed content;

automatically extracting a property of the underlying data as additional context information in response to determining that the displayed content of the on-screen region includes the underlying data via the computer system, the property comprising at least one of: a file name, a file identifier, a uniform resource locator (URL), a uniform resource identifier (URI), a folder name, or meta-data;

pointing a second pointer from the additional context information to the displayed content; and

storing the extracted context information and additional context information in association with the image file via the data storage subsystem, such that the context information is accessible when viewing the image file.

28.      (Currently Amended) A computer-implemented method of context harvesting from selected content using a computer system having a processor, memory, and data storage subsystems, the method comprising:

receiving a display of content comprising at least one of textual data, an executable object, a file, or a link to remote content;

setting a mode of operation to a content capture mode;

receiving a path drawn on the display which defines boundaries of a selected on-screen region of the content via user input;

capturing and storing the selected content as an image file via the data storage subsystem;

switching the mode of operation to an annotation mode;

receiving an annotation on the display via the user input;

performing text recognition on the received annotation as context information;

pointing a first pointer from the selected content to the context information;

automatically determining via the computer system that the content displayed within the on-screen region includes textual data and underlying data;

automatically extracting as additional context information:

a bounded region comprising a character or word from the textual data determined to be included in the on-screen region, and determining if the character or word lies completely within the bounded region, [[and]]

a property of the underlying data determined to be included in the on-screen region, the property comprising at least one of: a file name, a file identifier, a uniform resource locator (URL), a uniform resource identifier (URI), a folder name, or meta-data, and

a separate linking structure comprising identifying information which relates the selected content to the context information;

pointing a second pointer from the selected content to the additional context information; and

storing the context information and the additional context information in association with the image file via the data storage subsystem, such that the context information is accessible when viewing the image file.

29.    (Canceled)

30.    (Previously Presented)        The computer-implemented method of claim 10, wherein the annotation is stored as originally drawn as additional context information in association with the image file.

31.    (Previously Presented)        The computer-implemented method of claim 28, wherein the annotation is stored as originally drawn as additional context information in association with the image file.

32.    (Previously Presented)        The computer-implemented method of claim 10, further comprising a link to the one or more graphical elements of the selected on-screen region, the link comprising one of an implicit link hidden behind the one or more graphical elements and an explicit link shown in conjunction with the one or more graphical elements.

33.    (Previously Presented)        The computer-implemented method of claim 10, further comprising a separate linking table or database entry utilizing one or more pointers to the one or more graphical elements.

34.    (Previously Presented)        The computer-implemented method of claim 10, further comprising displaying the obtained context information to the user as one of displaying a property in a window and hovering over the one or more graphical elements.

35. (Previously Presented) The computer-implemented method of claim 10, wherein the one or more graphical elements comprise underlying data, underlying objects, and underlying associations with remote content.

36. (Currently Amended) The computer-implemented method of claim <u>10</u> [[21]], further comprising: determining that the second sets of textual characters reside within the path drawn by the user and any subsequent sets of textual characters reside outside the path drawn by the user.

37. (Previously Presented) The computer-implemented method of claim 10, wherein the received annotation is implemented using a plurality of tools via a toolbar, the toolbar appearing after a stylus has been lifted off the display.